

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 11/Aug/2019 SUNDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	88.249	816.746	1) Gujrat	10.652	15.263
2) Hydro	5.991	82.170	2) Madhya Pradesh	3.449	83.579
3) Gas	9.384	92.970	3) Chattisgarh	2.370	29.760
Total MSPGCL	103.624	991.886	4) Maharashtra	89.097	939.957
B) 1) APLM	53.564	604.896	5) Goa (Amona)	-0.286	-7.128
2) JSWEL	21.473	246.401	Total	105.282	1061.431
3) VIPL	0.000	0.000	a) Mumbai Schedule	16.378	225.514
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	24.014	294.269
5) WPCL	0.000	0.000	c) MSEDCL Bilateral *	9.779	118.634
6) Other IPP	2.323	26.376	Include PX	-3.844	-40.414
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	16.378	225.514
C) 1) TPCL Thermal	11.814	132.076	Include PX	0.000	35.017
2) TPCL Hydro	2.980	54.885	Standby	0.000	0.000
3) TPCL Gas	2.732	36.803	H) ENERGY CATERED (MUs)		
4) AEML Thermal	9.622	104.884	1) MSEDCL	312.137	3343.982
D) STATE			2) Mumbai Discoms	51.162	622.916
1) Thermal	187.045	1931.379	TOTAL STATE	363.299	3966.898
(A1+C1+C4+(B1-B6))					
2) Hydro	8.971	137.055			
(A2+C2)					
3) Gas	12.116	129.773			
(A3+B7+C3)					
4) Wind	44.629	672.477			
6) SOLAR	5.256	34.784			
TOTAL STATE	258.017	2905.468			

* Displayed for information, not added in total.

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW) Statement II

PARTICULARS	A. Morning Peak at 10 Hrs	B. Day Peak at 13 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 3 Hrs
MSPGCL Thermal	3597	3668	3829	3595
MSPGCL Hydro	279	303	848	178
MSPGCL Gas	392	390	401	392
MSPGCL Total Generation	4268	4361	5078	4165
Central Sector Receipt	4823	4095	5121	3571
WIND	2351	2506	1179	1901
CPP / IPP Thermal	3122	2843	3461	3200
CPP / IPP Gas	0	0	0	0
SOLAR	557	638	0	0
Exchange with Mumbai	-1159	-1301	-1002	-796
MSEDCL DEMAND MET	13962	13142	13837	12041
Load Shedding	0	0	0	0
MSEDCL DEMAND	13962	13142	13837	12041
TPCL GENERATION	684	690	815	672
AEML GENERATION	372	373	490	373
MUMBAI DEMAND	2215	2364	2307	1841
STATE DEMAND MET	16177	15506	16144	13882
STATE DEMAND	16177	15506	16144	13882
Frequency (Hz)	50.04	49.99	49.87	49.96

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.17 Hz at 08.01 Hrs	49.72 Hz at 22.06 Hrs	49.97	0 % of Time(min)

Note : The report is based on Operational Data and is for statistical purpose only.

Shift Engineer

Shift Incharge

Daily and Progressive Generation,Maximum,Minimum for 11/Aug/2019

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	0.00	0.00	0	0
Unit 7	0.00	0.00	0	0
Unit 8	7.34	9.31	337	282
Unit 9	0.00	0.00	0	0
Unit 10	7.25	41.28	345	264
Total	14.58	50.59		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	9.29	98.10	475	350
Unit 5	8.52	96.32	370	320
Total	17.80	194.41		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	0.00	0.00	0	0
Unit 7	0.00	0.00	0	0
Unit 8	0.00	0.00	0	0
Total	0.00	0.00		
Chandrapur				
Unit 3	2.55	20.73	125	82
Unit 4	2.32	23.82	125	75
Unit 5	6.05	58.16	275	220
Unit 6	6.88	67.52	340	220
Unit 7	0.00	0.00	0	0
Unit 8	5.54	64.73	240	196
Unit 9	5.48	65.29	275	210
Total	28.83	300.24		
Paras				
Unit 3	4.25	38.50	228	131
Unit 4	3.75	35.02	202	120
Total	8.00	73.52		
Khaparkheda				
Unit 1	2.78	20.50	140	90
Unit 2	2.37	30.26	120	90
Unit 3	3.08	35.60	146	115
Unit 4	0.36	0.36	95	0
Unit 5	8.02	89.58	390	300
Total	16.62	176.30		
Nasik				
Unit 3	0.00	8.18	0	0
Unit 4	2.42	11.38	119	60
Unit 5	0.00	2.11	0	0
Total	2.42	21.68		
Uran				
All Units	9.38	92.97	404	378
Total	9.38	92.97		
PGPL				
Unit 1	0.00	0.00	0	0
Unit 2	0.00	0.00	0	0
Total	0.00	0.00		
PENCH (MS)				
Pench (MS)	0.00	0.00	0	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.00	0.00		
Koyna				
Stage 1-2	1.94	18.58	320	40
Stage 4	0.69	2.38	250	0
Stage 3	1.01	22.73	160	0
Total	3.64	43.68		
Hydro				
KDPH	0.83	8.02	35	34
VTRNA	0.00	0.00	0	0
TILLARI	0.00	11.58	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.34	4.71	40	0
RNGR+BHTSA	0.00	0.00	0	0
BHANDARDRA	0.34	4.61	15	14
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.34	5.25	15	14
GHATGHAR	0.50	4.32	225	0
Total	2.35	38.49		
Wind				
Total	44.63	672.48	0	0
Total	44.63	672.48		
CPP				
APML(Mus)	53.56	604.90	0	0
JSWEL(Mus)	21.47	246.40	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	0.00	0.00	0	0
WPCL(Mus)	0.00	0.00	0	0
Other(Mus)	2.32	26.38	0	0
Total	77.36	877.67		
SOLAR				
Total	5.26	34.78	0	0
Total	5.26	34.78		
Tata				
Trombay 5	7.49	81.67	471	278
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.52	22.00	64	59
Trombay 7B	1.21	14.81	52	48
Trombay 8	4.33	50.40	239	164
TATA Hydro	2.98	54.88	353	79
Total	17.53	223.76		
AEML				
DTPS U-1&2	9.62	104.88	499	372
Total	9.62	104.88		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	88.25	816.75	MSPGCL Total	103.62	991.89
			MSPGCL Thml+Gas	97.63	909.72	Koyna 1,2 & 4 Total	2.62	20.96
			MSPGCL Hydro	5.99	82.17	State Total	258.02	2905.47

State Load Despatch Center,Airoli (MSETCL)

Hourly Load Data As on 11/Aug/2019

Annexure-2

TIME SR. NO.	MSPGCL GEN.			TOTAL	WIND	CPP / IPP		SOLAR	CS SHARE	CS RECPT	Mum. NET EXCH.	MSEDCL DEM. MET	LOAD SHEDDI NG	MSEDCL DEM. WITH LS	MUMBAI DEMAND	STATE DEMAND	FREQ. (Hz)
	THM	HY	GAS			THM	GAS										
1	3623	158	391	4172	2072	3195	0	0	3584	3924	-1048	12315	0	12315	2088	14403	49.96
2	3625	103	393	4121	1962	3176	0	0	3733	3857	-883	12233	0	12233	1946	14179	49.99
3	3595	178	392	4165	1901	3200	0	0	3629	3571	-796	12041	0	12041	1841	13882	49.96
4	3581	118	392	4091	1763	3292	0	0	3817	3747	-743	12150	0	12150	1783	13933	49.99
5	3599	123	392	4114	1795	3430	0	0	3945	3903	-762	12480	0	12480	1767	14247	49.92
6	3627	113	391	4131	1789	3435	0	0	4650	4400	-812	12943	0	12943	1832	14775	49.96
7	3683	103	383	4169	1876	3475	0	31	4913	4896	-726	13721	0	13721	1867	15588	49.91
8	3662	142	403	4207	1871	3376	0	185	4916	5031	-837	13833	0	13833	1931	15764	49.96
9	3739	280	392	4411	2135	3372	0	415	4840	4476	-1018	13791	0	13791	2063	15854	50.05
10	3597	279	392	4268	2351	3122	0	557	4909	4823	-1159	13962	0	13962	2215	16177	50.04
11	3587	286	382	4255	2344	2958	0	616	4790	4683	-1288	13568	0	13568	2333	15901	50.02
12	3647	284	399	4330	2465	2940	0	673	4603	4423	-1344	13487	0	13487	2413	15900	50.01
13	3668	303	390	4361	2506	2843	0	638	4212	4095	-1301	13142	0	13142	2364	15506	49.99
14	3651	317	378	4346	2324	2762	0	612	3645	4131	-1234	12941	0	12941	2290	15231	49.95
15	3686	217	389	4292	2210	2848	0	657	3963	4005	-1189	12823	0	12823	2252	15075	50.00
16	3702	147	391	4240	2021	2942	0	444	4256	4243	-1157	12733	0	12733	2201	14934	50.03
17	3625	142	391	4158	2026	2961	0	286	4335	4511	-1136	12806	0	12806	2163	14969	50.01
18	3668	111	391	4170	1684	2961	0	118	4698	4615	-1119	12429	0	12429	2146	14575	50.00
19	3684	302	383	4369	1561	3044	0	24	4905	4989	-1142	12845	0	12845	2194	15039	50.00
20	3829	848	401	5078	1179	3461	0	0	4933	5121	-1002	13837	0	13837	2307	16144	49.87
21	3790	691	391	4872	1170	3607	0	0	4789	4679	-775	13553	0	13553	2331	15884	49.85
22	3794	378	382	4554	1153	3651	0	0	4681	4563	-654	13267	0	13267	2326	15593	49.93
23	3831	184	391	4406	1165	3666	0	0	4543	4423	-870	12790	0	12790	2286	15076	49.91
24	3756	184	404	4344	1306	3643	0	0	4492	4173	-1019	12447	0	12447	2223	14670	50.02
MUs	88.25	5.99	9.38	103.62	44.63	77.36	0.00	5.26	105.78	105.28	-24.01	312.14	0.00	312.14	51.16	363.30	49.97

NOTE : ALL VALUES IN MW

Mumbai Net Exch is shown with reference to MSETCL system and (-) sign indicates MSETCL periphery to Mumbai system.

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 11/Aug/2019

Position as on 6.30 Hrs of 12/Aug/2019

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE								
CPP	SWPGL U-3	135	01/11/2018	00.28		Continued.	Annual Overhaul	
MSPGCL	Parli Unit 8	250	04/06/2019	00.00		Continued.	Zero Schedule (converted to AOH from 25/06/2019)	
MSPGCL	Khaparkheda Unit 4	210	17/07/2019	21.44	11/08/2019	19.14	Annual Overhaul	
MSPGCL	Koyna STG- IV Unit - 1	250	18/07/2019	14.30		Continued.	Breaker Air Pressure Problem(Converted for Capital Overhaul from DT.24-07-2019 for 60Days)	
MSPGCL	Koradi Unit 9	660	19/07/2019	17.35		Continued.	Annual Overhaul	
MSPGCL	Chandrapur Unit 7	500	27/07/2019	00.00		Continued.	Annual Overhaul	
IPP	Adani U-2	660	05/08/2019	00.13		Continued.	Annual Overhaul	
FORCED OUTAGE								
TPC-G	Trombay 6	500	15/07/2015	17:08		Continued.	Economic shutdown	
IPP	SWPGL U-1	135	16/02/2016	17.09		Continued.	No PPA.	
MSPGCL	Parli Unit 5	210	01/04/2016	00.00		Continued.	Economic shutdown	
MSPGCL	Parli Unit 4	210	01/04/2016	00.00		Continued.	Economic shutdown	
PGPL	PGPL U1	262	07/02/2017	17.30		Continued.	No Schedule	
PGPL	PGPL U2	126	07/02/2017	17.30		Continued.	No Schedule	
MSPGCL	Uran Unit 7	108	20/07/2018	12.53		Continued.	Compressor & Turbine Blade Failure.	
IPP	IEPL Unit 1	270	28/08/2018	21.26		Continued.	Coal Shortage	
IPP	SWPGL U-2	135	27/11/2018	00.00		Continued.	No Schedule.	
MSPGCL	Parli Unit 6	250	12/12/2018	00.00		Continued.	Zero Schedule.(water shortage from 25/06/2019)	
CPP	SWPGL U-4	135	15/12/2018	00.00		Continued.	No Schedule	
IPP	VIPL U-1	300	29/12/2018	00.30		Continued.	Coal Shortage	
IPP	VIPL U-2	300	17/01/2019	00.15		Continued.	Coal Shortage	
MSPGCL	Parli Unit 7	250	25/06/2019	09.45		Continued.	Water Shortage	
MSPGCL	Bhusawal Unit 3	210	28/06/2019	18.35		Continued.	Zero schedule.	
IPP	Dhariwal	300	01/07/2019	00.01		Continued.	NO SCHEDULE	
IPP	RPL(AMT) U-2	270	25/07/2019	02.00		Continued.	Zero Schedule	
IPP	RPL(AMT) U-1	270	25/07/2019	08.00		Continued.	Zero schedule.	
IPP	RPL(AMT) U-3	270	25/07/2019	18.00		Continued.	Zero Schedule	
IPP	RPL(AMT) U-4	270	26/07/2019	01.09		Continued.	Zero Schedule By MSEDCL.	
IPP	RPL(AMT) U-5	270	26/07/2019	20.00		Continued.	Zero Schedule By MSEDCL.	
MSPGCL	Koradi Unit 6	210	27/07/2019	15.32		Continued.	Zero Schedule.	
MSPGCL	Koradi Unit 7	210	27/07/2019	15:47		Continued.	Zero Schedule.	
MSPGCL	Nasik Unit 5	210	01/08/2019	22.45		Continued.	Wet,Sticky & Poor Quality coal	
MSPGCL	Nasik Unit 3	210	05/08/2019	09.15		Continued.	Due to PA fan tripping on	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 11/Aug/2019

Position as on 6.30 Hrs of 12/Aug/2019

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
MSPGCL	Koyna Unit 10	80	05/08/2019	20.05		Continued.	DC voltage failure.	
							Stator Earth Fault	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 11/Aug/2019

Statement-VII

Position as on 6.30 Hrs of 12/Aug/2019

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
400 KV LINE Outages/Trippings							
Karad Solapur (PG)	InterState	03/05/2017	11:49		Continued.	PO	Line Converted As 220 Kv Solapur (PG)- Jeur From LOC 403
Padgha - Boisar (PG)	InterState	12/08/2019	04.52		Continued.	T	Definite trip.
Khadka-Aurangabad (Waluj)	IntraState	22/07/2019	18.20		Continued.	T	Over Voltage
Chandrapur-II - Nanded ckt II	IntraState	30/07/2019	23.38		Continued.	T	Over Voltage
Karad - Jaigad - II	IntraState	31/07/2019	21.46		Continued.	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	11/08/2019	22.12		Continued.	HT	Over Voltage
Kharghar-Talegaon(PG)	IntraState	12/08/2019	02.58		Continued.	EO	Attend R-PH wave trap broken jumper.
Main Bus A @Kharghar	IntraState	12/08/2019	03.11	12/08/2019	06.37	EO	Attend R-PH wave trap broken jumper.
Bus Coupler @ Kharghar	IntraState	12/08/2019	03.11	12/08/2019	06.37	EO	Attend R-PH wave trap broken jumper.
400 KV ICT Outages/Trippings							
400/220/33 Kv 315 Mva ICT 1 @Padghe	IntraState	15/11/2018	10.07		Continued.	T	Differential Protection, Declared Faulty.
400/220/33 Kv 500 Mva Ict 1 @ CHANDRAPUR 2	IntraState	12/04/2019	17.10		Continued.	HT	Due To CVT Porcelain Collars Of The ICT-1 are Damaged.
400/220/33 Kv 600 MVA ICT 4 @Padghe	IntraState	11/08/2019	08.29	11/08/2019	13.40	EO	Replacement of Y-Phase LV Side Busing To Breaker Jumper.
400/220/33 Kv 600 MVA ICT 4 @Padghe	IntraState	12/08/2019	04.52		Continued.	T	LV side Y-PH LA burst.
220 KV LINE Outages/Trippings							
Talandage - Chikodi	InterState	01/06/2017	00.01		Continued.	PO	No Schedule
Mudshingi - Chikodi	InterState	01/06/2017	00.06		Continued.	PO	No Schedule.
Tillari Amona	InterState	05/08/2019	07.41		Continued.	PO	Under Break Down.
BOISAR BORIVALI	IntraState	24/07/2018	13.18		Continued.	HT	To Control Line Loading(H/T from Boisar end)
Vankuswadi- Ajinkyatara	IntraState	08/08/2019	09.30		Continued.	T	Tripped on PDR
Miraj - Tilwani	IntraState	09/08/2019	05.27		Continued.	T	Distance Protection
Padghe - Jindal	IntraState	10/08/2019	11.22		Continued.	PO	Bus Isolator Problem
Pophali - Pedambe II	IntraState	10/08/2019	12.22	11/08/2019	17.45	EO	Outage on Pedambe Bus-2
220kv Halkarni- Tillary	IntraState	10/08/2019	19.05		Continued.	HT	Tillari end as hydro gen. off.
Kandalgaon - Koyna (Pophali)	IntraState	10/08/2019	21.55	11/08/2019	00.30	EO	Jumper replacement
Kalwa Salsette III	IntraState	10/08/2019	23.07	11/08/2019	01.13	PO	Breasker testing/outage at salsette.
Trombay Carnac 6	IntraState	11/08/2019	09.59	11/08/2019	18.00	PO	ICT-6 Works At Carnac.
220 KV ICT Outages/Trippings							
Dharavi : 220 / 110 / 33 250 MVA ICT 10	IntraState	11/08/2019	11.09	11/08/2019	12.44	PO	Inspection of cable BoX
220/132 Kv 100mva Ict 2 @South Solapur (Kumbhari)	IntraState	11/08/2019	15.10	11/08/2019	17.10	HT	Attending CTR Alarm Which Was Not Resetting.

HT : Hand Tripping, MT : Multiple Tripping, T : Tripping, PO : Planned Outage, EO : Emergency Outage, OO : Opportunity Outage